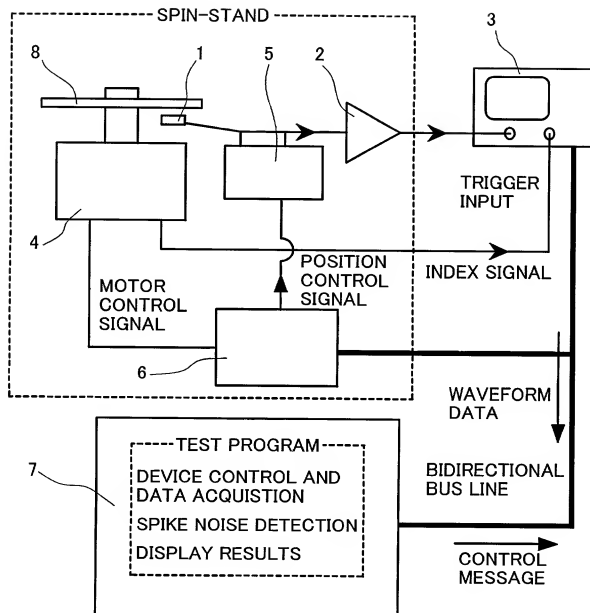


# FIG.1



1...HEAD, 2...HEAD AMPLIFIER, 3...DIGITAL STORAGE OSCILLOSCOPE,  
 4...SPINDLE MOTOR, 5...HEAD STAGE, 6...SPINSTAND CONTROLLER,  
 7...COMPUTER, 8...DOUBLE LAYERED PERPENDICULAR MEDIA

FIG.2A

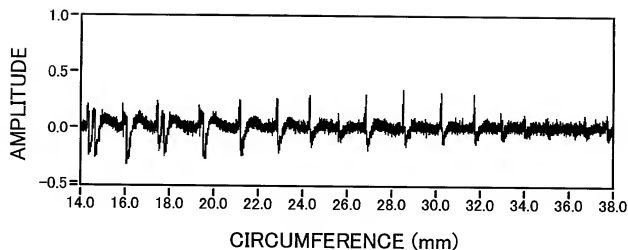
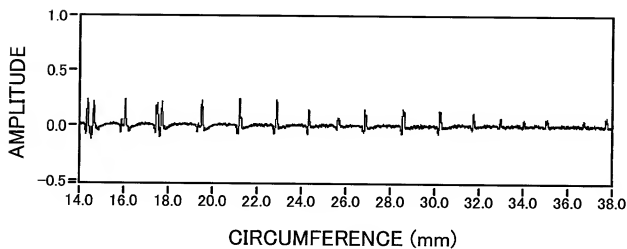


FIG.2B



209220.65728001

FIG.3A

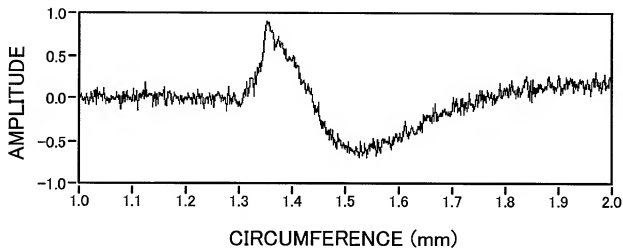
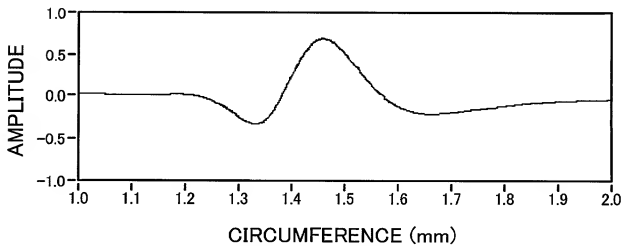


FIG.3B



209220" 65128001

FIG.4

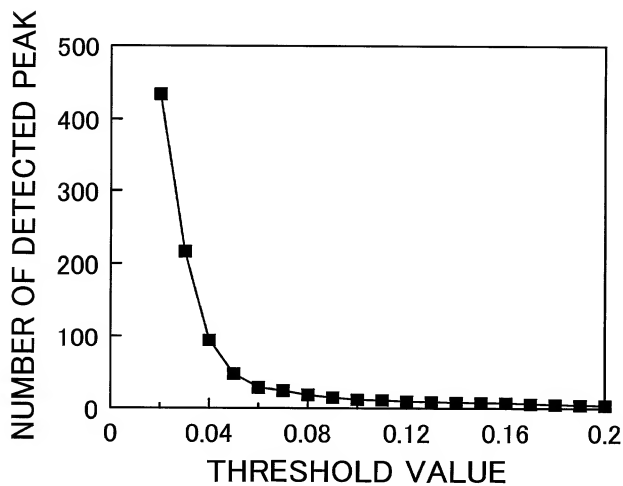
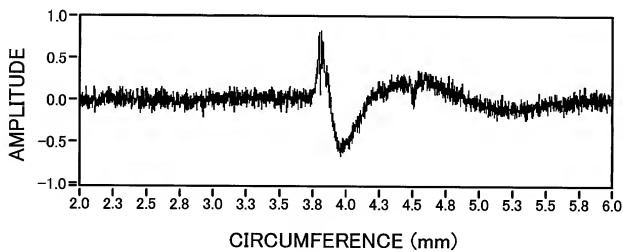


FIG.5



209220.65128007

FIG.6

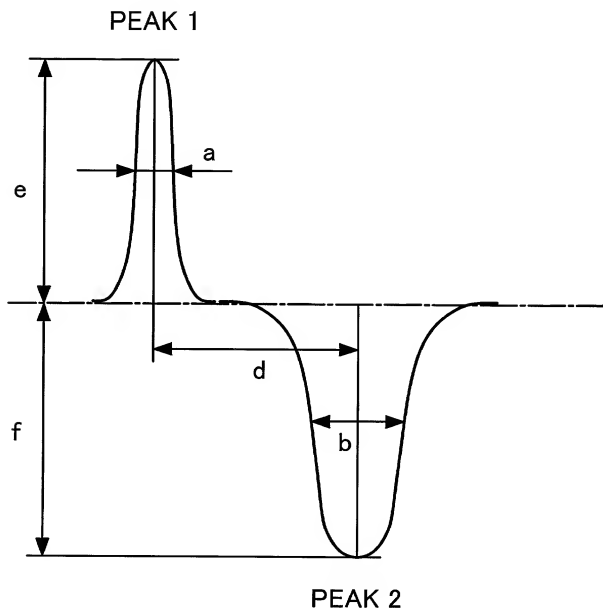


FIG.7

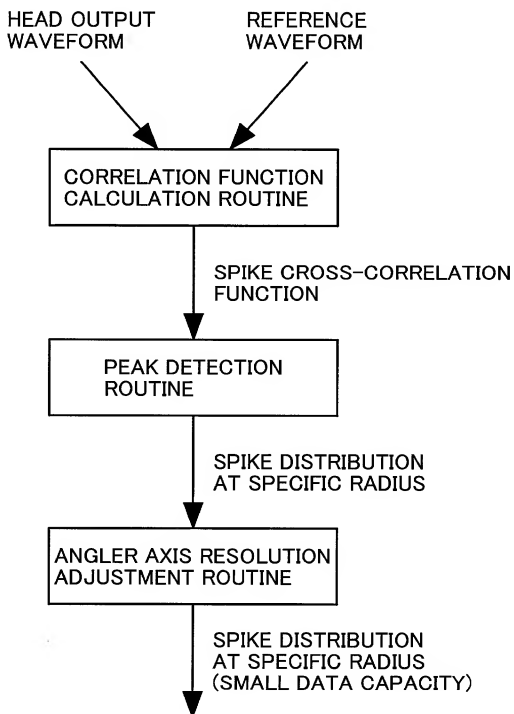
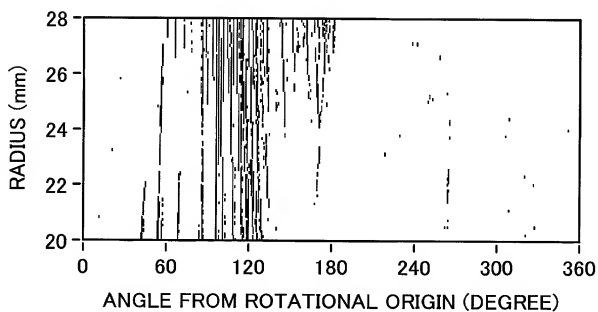


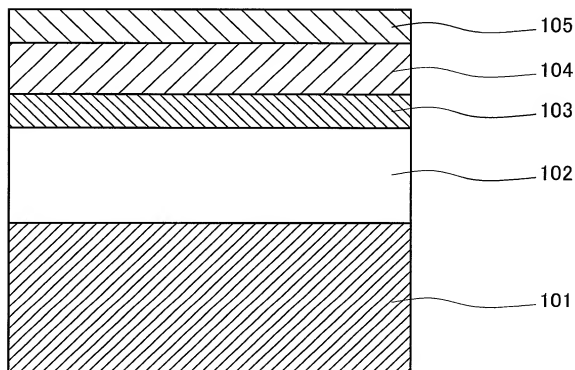
FIG.8



209220.651280Y

10082159.02260Z

FIG.9



101...GLASS SUBSTRATE, 102...SOFT MAGNETIC LAYER,  
103...NONMAGNETIC INTERMEDIATE LAYER,  
104...RECORDING LAYER, 105...PROTECTION LAYER

# FIG.10

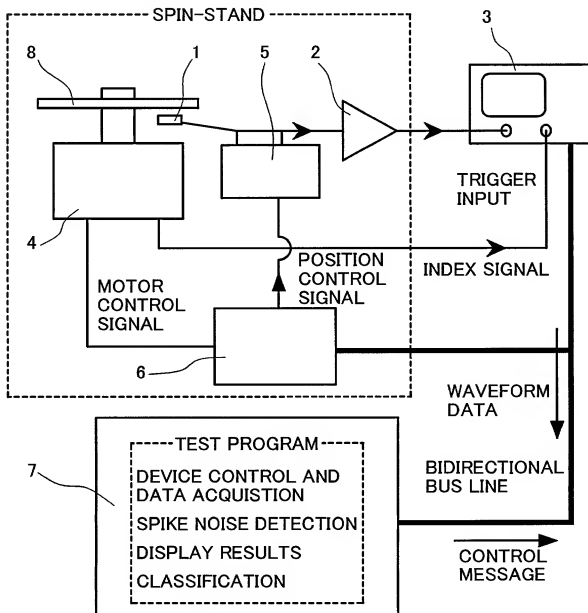


FIG.11

SPIKE NOISE  
DISTRIBUTION  
DATA

DECISIONAL CONDITION 1

DECISION  
ROUTINE 1

DECISION 1

DECISIONAL CONDITION 2

DECISION  
ROUTINE 2

DECISION 2

⋮

DECISIONAL CONDITION N

DECISION  
ROUTINE N

DECISION N

SYNTHETIC  
DECISIONAL  
CONDITION

SYNTHETIC  
DECISION  
ROUTINE

FINAL  
DECISION

209220.65728007

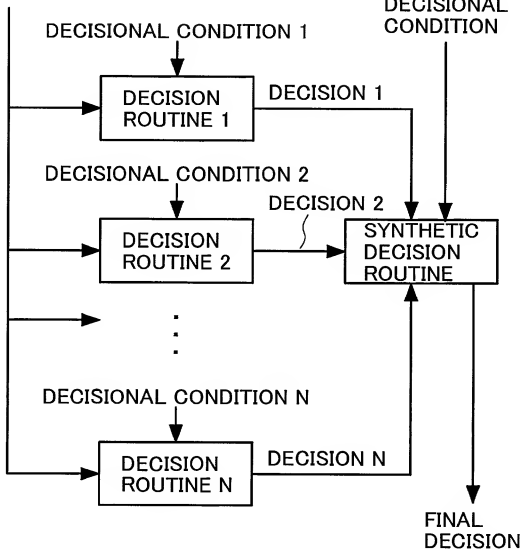




FIG.13A



FIG.13B

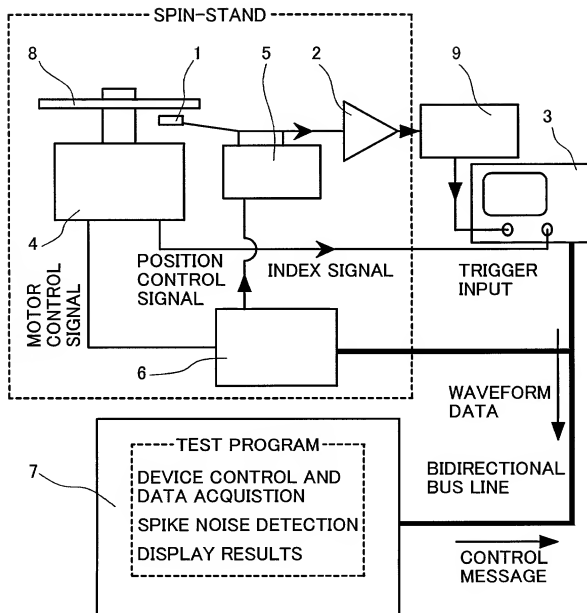


FIG.14



1082159.022602

# FIG.15



- 1...HEAD, 2...HEAD AMPLIFIER, 3...DIGITAL STORAGE OSCILLOSCOPE,  
 4...SPINDLE MOTOR, 5...HEAD STAGE, 6...SPINSTAND CONTROLLER,  
 7...COMPUTER, 8...DOUBLE LAYERED PEPENDICULAR MEDIA  
 9...DESCRIMINATOR

FIG.16

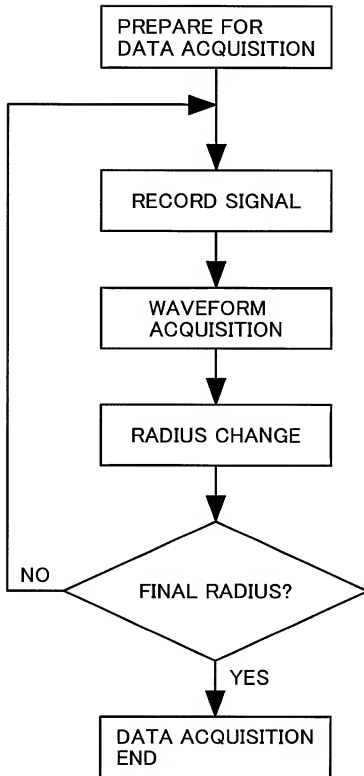
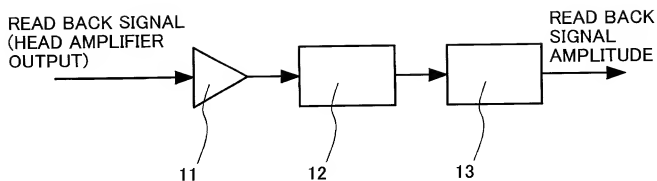


FIG.17



11...AMPLIFIER, 12...HIGH-PASS FILTER, 13...ENVELOPE DETECTOR

FIG.18A

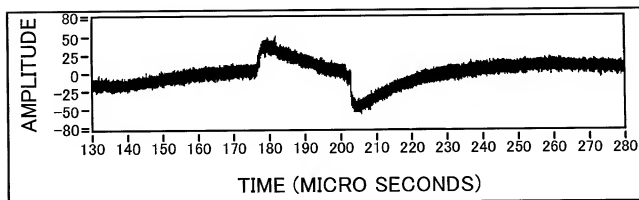


FIG.18B

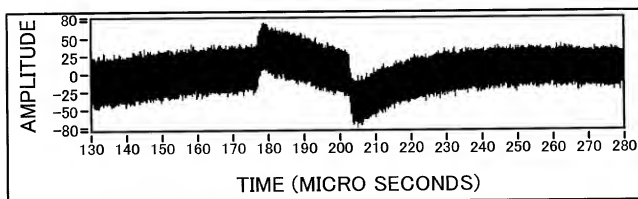


FIG.18C

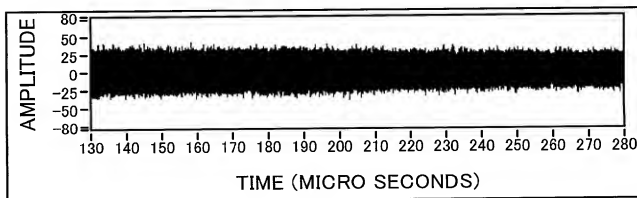


FIG.19A

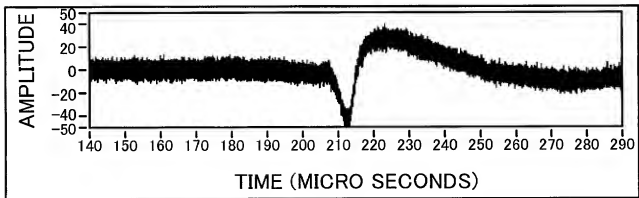


FIG.19B

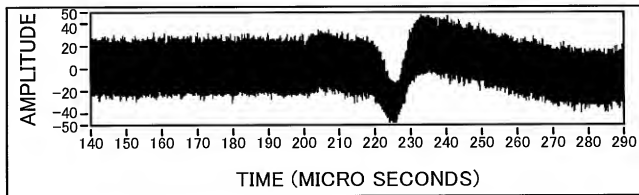


FIG.19C

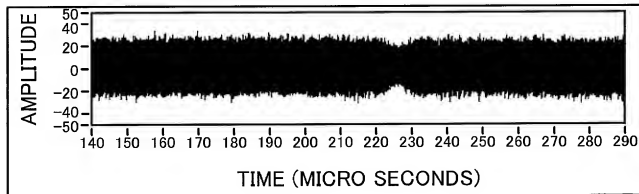


FIG.20

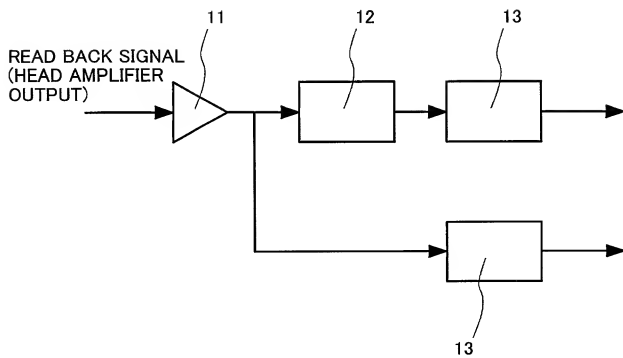


FIG.21

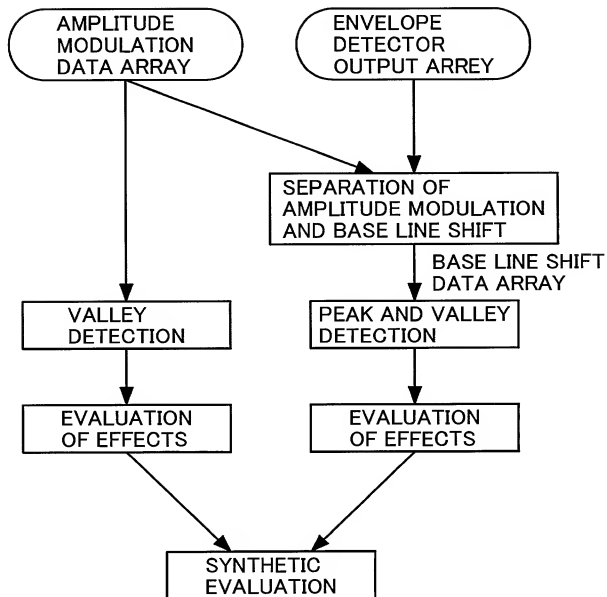
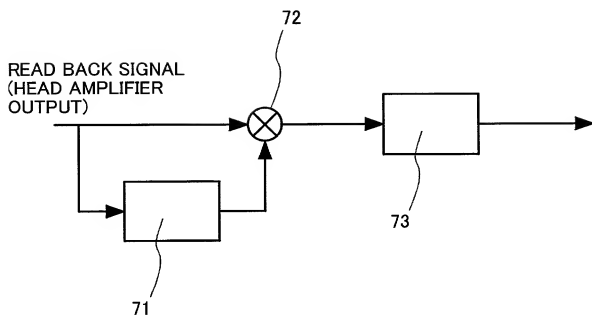
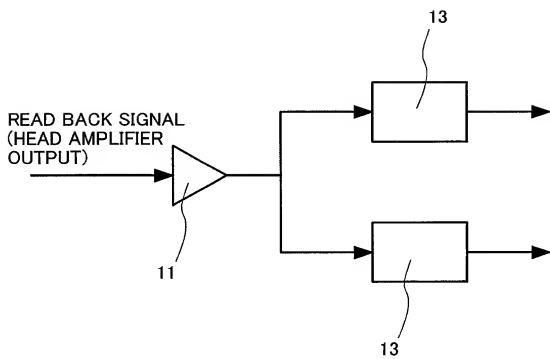


FIG.22



71...CARRIER RETRIEVER CIRCUIT, 72...MIXER,  
73...LOW-PASS FILTER

FIG.23



10082159.022602

# FIG.24

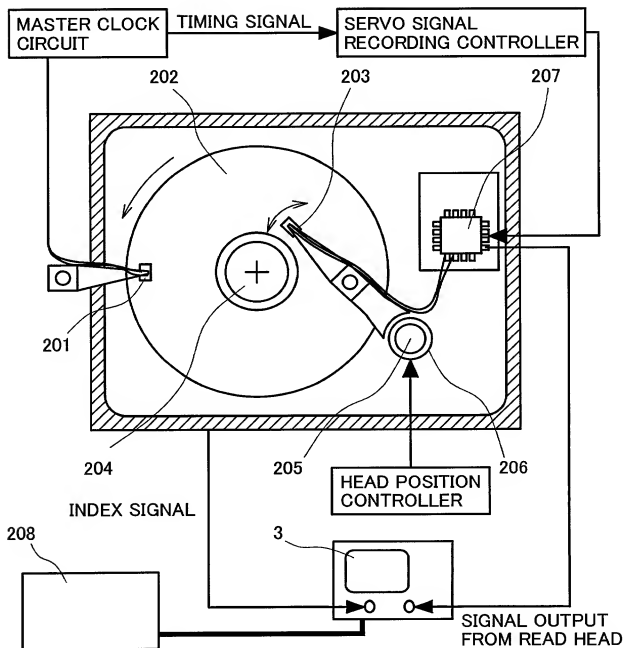
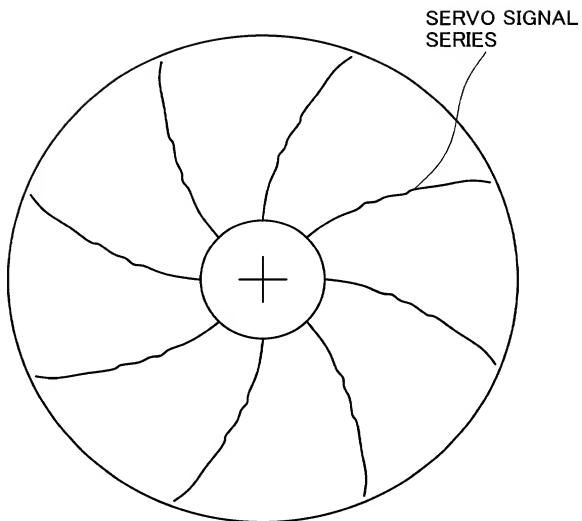


FIG.25



209220'6572800T

FIG.26

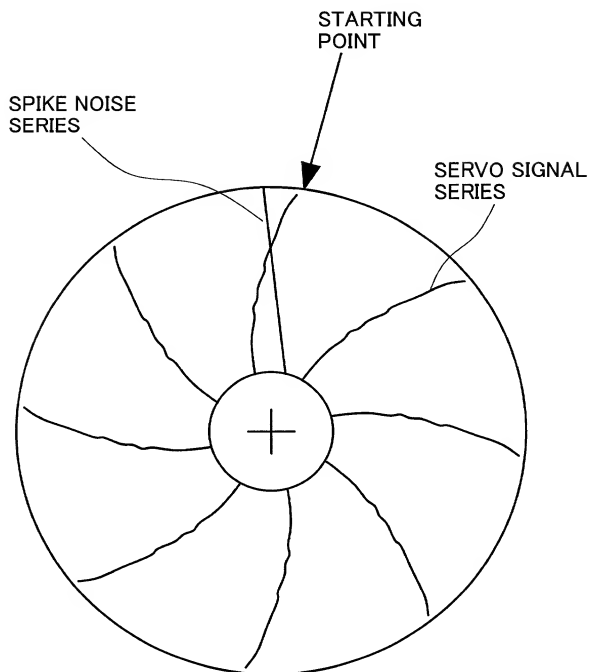


FIG.27

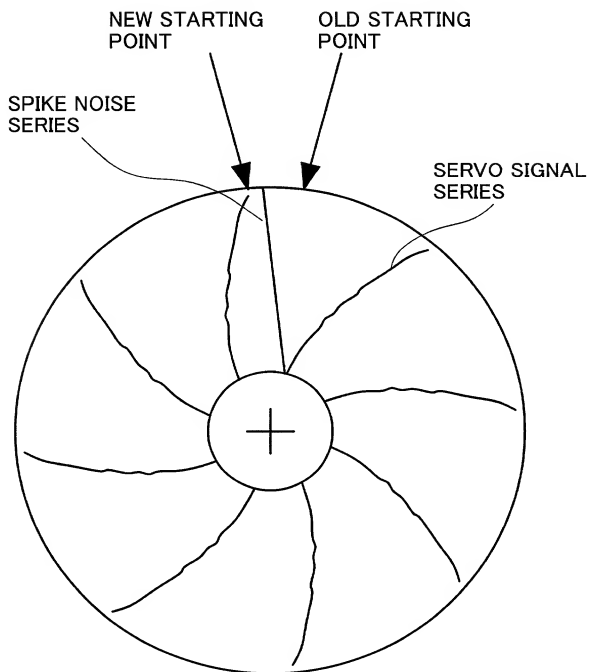


FIG.28

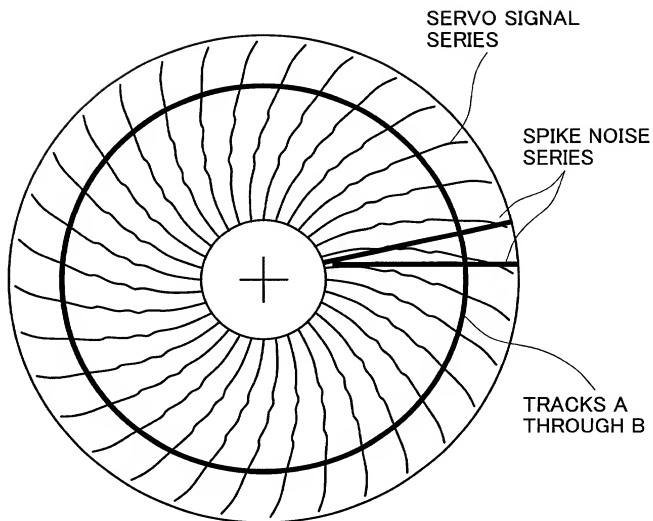


FIG.29

